Electronic Acknowledgement Receipt				
EFS ID:	4738654			
Application Number:	10681937			
International Application Number:				
Confirmation Number:	7758			
Title of Invention:	TRANSMITTING AND RECEIVING APPARATUS FOR SUPPORTING TRANSMIT ANTENNA DIVERSITY USING SPACE-TIME BLOCK CODE			
First Named Inventor/Applicant Name:	Chan-Soo Hwang			
Customer Number:	66547			
Filer:	Paul J. Farrell/Wendy Greenseich			
Filer Authorized By:	Paul J. Farrell			
Attorney Docket Number:	678-1109			
Receipt Date:	05-FEB-2009			
Filing Date:	09-OCT-2003			
Time Stamp:	11:25:40			
Application Type:	Utility under 35 USC 111(a)			

# **Payment information:**

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1840
RAM confirmation Number	9184
Deposit Account	504053
Authorized User	GREESEICH,WENDY A.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1 Issue Fee Payment (PTO-85B)	lssue_Fee_Transmittal.pdf	90062	no	1	
		9f16cd8e578fff3973aafd44e68ab80ca23b2 b02			
Warnings:					
Information:					
2 Fee Worksheet (PTO-06)	fee-info.pdf	34206	no	2	
		34d35f8dc28f2d4cd1d1c4284b4a97818dc 8edba			
Warnings:					
Information:					
		Total Files Size (in bytes)	124268		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.